

ASSIGNMENT 10

Textbook Assignment: "Ammunition Storage and Handling Afloat," Pages 11-1 through 11-26.

- 10-1. The Explosives Handling Personnel Qualification and Certification Program was established in what year?
 1. 1971
 2. 1966
 3. 1965
 4. 1963
- 10-2. The Explosives Handling Personnel Qualification and Certification Program is governed by what instruction?
 1. OPNAVINST 8023.2
 2. OPNAVINST 8025.2
 3. NAVSEAINST 8023.2
 4. NAVAIRINST 8023.2
- 10-3. The term "assembly/disassembly" refers to which of the following ammunition operations?
 1. The complete buildup of weapons
 2. The procedures used to place explosive devices in a safe condition
 3. The removal/installation of components
 4. The physical act of mating/demating components to/from an (AUR) configuration
- 10-4. In reference to ordnance certification, what does the signature of a certification board observer denote?
 1. The certification form is valid
 2. The individual was observed performing a task
 3. The individual is qualified to perform all ordnance tasks on a ship
 4. The Individual has attended the appropriate schools for a task
- 10-5. Which of the following personnel work under the Explosives Handling Personnel Qualification and Certification Program?
 1. Security force personnel
 2. All aircrew personnel
 3. Magazine inspection personnel
 4. Document destruction personnel
- 10-6. Unless revoked, ordnance certification is valid for what maximum number of months?
 1. 36 months
 2. 24 months
 3. 18 months
 4. 12 months
- 10-7. Ammunition stowage magazines aboard aircraft carriers must be approved by which of the following commands?
 1. COMNAVAIRPAC
 2. COMNAVAIRSYSCOM only
 3. COMNAVSEASYSYSCOM only
 4. COMNAVAIRSYSCOM and COMNAVSEASYSYSCOM
- 10-8. Aboard a CV/CVN, which of the following types of magazines, is capable of holding a ship's service allowance of ammunition?
 1. Ready service
 2. Primary
 3. Secondary
 4. Pyrotechnic
- 10-9. Normally, various types of explosives and ammunition are stowed in separate magazines or lockers for which of the following reasons?
 1. Ballast
 2. Easy access
 3. Safety
 4. Corrosion control
- 10-10. Signs or labels indicating "AMMUNITION FAR SIDE" are located on bulkheads, overheads, and decks of ammunition stowage spaces. These signs or labels are normally spaced what prescribed distance apart?
 1. 10 ft
 2. 12 ft
 3. 14 ft
 4. 16 ft

- 10-11. The paint-stenciled labels or signs installed on the outside surfaces of ammunition stowage spaces are what prescribed size?
- 1 in. high by 3 in. wide
 - 5 in. high by 9 in. wide
 - 7 in. high by 7 in. wide
 - 9 in. high by 9 in. wide
- 10-12. Which of the following types of magazines are provided on ships?
- Primary, missile, ready-service, locker, and chemical
 - Ready-service, locker, primary, and miscellaneous
 - Miscellaneous, missile, small arms, primary, and chemical
 - Chemical, locker, miscellaneous, primary, and missile
- 10-13. Primary magazines are normally located in what area of a ship?
- Below decks
 - At the flight deck level
 - Above the hanger deck
 - Above the water line
- 10-14. What type of magazine is located within the armor box and is used for the stowage of completely assembled rounds of weapons?
- Primary
 - Missile
 - Locker
 - Ready-service
- 10-15. Which of the following items are required on or near lockers filled with ammunition?
- Sprinklers
 - Locking devices
 - Fire hoses
 - Surveillance systems
- 10-16. Chemical ammunition classified as lethal or incapacitating must NOT be carried aboard ship unless authorized by which of the following commands?
- NAVAIRPAC
 - NAVAIRLANT
 - NAVAIRSYSCOM
 - NAVSEASYSKOM
- 10-17. Generally, each magazine aboard ship is designated to hold a total of how many types of ammunition?
- One
 - Two
 - Three
 - Four
- 10-18. Whenever practical, magazines are designated in which of the following ways?
- Multi-purpose
 - Dual-purpose
 - Triple-purpose
 - Single-purpose
- 10-19. What officer must authorize the stowage of more than one type of ammunition in a magazine?
- The commanding officer
 - The executive officer
 - The weapons officer
 - The operational commander
- 10-20. When mixed ammunition stowage must be used, you should refer to the stowage tables listed in what NAVSEA publication?
- OP 4
 - OP 5
 - OP 6
 - OP 7
- 10-21. If a magazine without environmental control shows a heat gain in excess of 100 degrees, what action should you take?
- Notify the EOD
 - Use portable ventilation
 - Flood the magazine with water
 - Remove all ammunition from the magazine
- 10-22. Magazines that are continuously occupied by personnel should be blown through or ventilated at least how often?
- Every 5 hr
 - Every 8 hr
 - Every 10 hr
 - Every 12 hr

- 10-23. When the magazine sprinkler system is operating, what devices prevent the buildup of air and water pressure?
1. Ventilation ducts
 2. Independent air escape valves
 3. Magazine check valves
 4. Safety pressure blowout valves
- 10-24. If a missile motor is accidentally ignited in a magazine, what means are used to avoid spreading smoke and gas to other areas of the ship?
1. Portable vent systems
 2. Magazine check valves
 3. Exhaust ducts
 4. Pressure-relief vents
- 10-25. Mk 58 marine location markers should be stowed in which of the following magazines?
1. A magazine with a sprinkler system
 2. A magazine located on the damage control deck
 3. A magazine without a sprinkler
 4. A magazine with remote control valves
- 10-26. Sprinkler systems are required in which of the following magazines?
1. Primary magazines only
 2. Ready-service magazines only
 3. Missile magazines only
 4. Primary, ready service, and missile magazines
- 10-27. Sprinkler systems are classified in what way?
1. By type or location of control
 2. By amount of discharge per minute
 3. By sprinkler head size
 4. By system pressure
- 10-28. There are a total of how many types of sprinkler remote operations?
1. Five
 2. Two
 3. Three
 4. Four
- 10-29. The "rate of rise" is indicated in a magazine when the temperature increases at what rate?
1. Slowly
 2. Rapidly
 3. Normally
 4. Exponentially
- 10-30. When a rapid increase in temperature occurs in a magazine, what circuit activates the sprinkler system control valve?
1. The F circuit
 2. The FH circuit
 3. The high-voltage circuit
 4. The low-voltage circuit
- 10-31. When a slow increase in temperature occurs in a magazine, what circuit activates the sprinkler system control valve?
1. The FH circuit
 2. The low-voltage circuit
 3. The F circuit
 4. The high voltage circuit
- 10-32. What minimum number of thermostats should be installed in each magazine?
1. One
 2. Two
 3. Three
 4. Four
- 10-33. What minimum number of thermostats should be installed in a magazine that has a deck area of 982 square feet?
1. One
 2. Two
 3. Three
 4. Four
- 10-34. Aboard ship, magazine inspections are mandatory according to what OPNAV instruction?
1. 3120.32
 2. 4790.2
 3. 4790.4
 4. 8023.2
- 10-35. To divide a large magazine area into smaller areas or bins, which of the following equipment is used?
1. Stanchions only
 2. Battens only
 3. Stanchions and battens
 4. Cradles and stanchions
- 10-36. When metal pallets are NOT used, ammunition should be stowed by what means?
1. In foam padding
 2. On dunnage
 3. On the deck
 4. In stanchions and battens

- 10-37. What minimum amount of air space should be provided between any ammunition stowage stack and the surface of adjacent plating or sheathing?
1. 1 ft
 2. 2 ft
 3. 2 in.
 4. 1 in.
- 10-38. When inspecting a magazine, you must have which of the following items?
1. A flashlight
 2. A toolbox
 3. A thermometer
 4. A check sheet
- 10-39. The maximum and minimum temperature conditions in a magazine should be observed, recorded, and reported at least how often?
1. Daily
 2. Biweekly
 3. Weekly
 4. Bimonthly
- 10-40. Completed magazine temperature cards should be removed from the magazines and replaced at least how often?
1. The first day of every other week
 2. The first day of every other month
 3. The last day of every month
 4. The first day of every month
- 10-41. When a completed magazine temperature card is removed from a magazine and the temperatures recorded in a permanent log, the card must be retained on file for at least how many months?
1. 12 months
 2. 6 months
 3. 3 months
 4. 4 months
- 10-42. When magazine temperatures are recorded in the permanent log, red ink should be used to record the temperatures in excess of what amount?
1. 100°F
 2. 110°F
 3. 115°F
 4. 120°F
- 10-43. When the temperature exceeds 110°F in a smokeless powder magazine, the temperature should be checked at least how often?
1. Every hr
 2. Every 2 hr
 3. Every 3 hr
 4. Every 4 hr
- 10-44. High-security stowage spaces should contain which of the following equipment?
1. An unauthorized entry alarm system only
 2. A specially designed locking device only
 3. An unauthorized entry alarm system and a specially designed locking device
 4. A standard locking device
- 10-45. What person is responsible for maintaining and controlling magazine keys?
1. The ship's gunner
 2. The OOD
 3. The ordnance handling officer
 4. The weapons department leading chief
- 10-46. If the ship's gunner is absent during an emergency, what officer provides access to locked ammunition spaces?
1. The commanding officer
 2. The command duty officer
 3. The damage control central officer
 4. The weapons department duty officer
- 10-47. There are a total of how many basic types of hoists?
1. Five
 2. Two
 3. Three
 4. Four
- 10-48. A hoist with a safe working load of 4,000 pounds and a bomb carrier with a safe working load of 2,500 pounds may be used to lift what maximum weight?
1. 1,500 lb
 2. 2,500 lb
 3. 3,000 lb
 4. 6,500 lb

- 10-49. Any piece of handling equipment that has satisfactorily passed a periodic load test should be marked with which of the following information?
1. The date the test was performed
 2. The name of the testing activity
 3. The name of the person that performed the test
 4. All of the above
- 10-50. What are the two major classifications of weapons elevators?
1. Conventional and special
 2. Lower-stage and upper-stage
 3. Electrically operated and hydraulically operated
 4. Manually operated and pneumatically operated
- 10-51. What device causes an elevator platform to stop if the brake fails?
1. The slack cable-sensing device
 2. The down-speed governor device
 3. The broken-rope safety device
 4. The hoisting-winch motor device
- 10-52. A 5,500-pound weapons elevator has what total number of slack cable-sensing safety devices?
1. One
 2. Two
 3. Three
 4. Four
- 10-53. When an elevator platform over travels the hold deck loading station level, it is stopped by which of the following devices?
1. Spring bumpers
 2. A down-speed governor device
 3. A broken-rope safety device
 4. A slack cable-sensing device
- 10-54. Operator-attended elevator control panels are located in which of the following elevator doors?
1. Second deck only
 2. Second and third deck only
 3. Uppermost only
 4. All of the above
- 10-55. The IWHS PDP-14 programmable controller continually tracks the location of the elevator platform to within what prescribed distance?
1. 1 in.
 2. 12 in.
 3. 7/12 in.
 4. 1/12 in.
- 10-56. Due to the complexity of the IWHS elevators, operators and maintenance personnel receive extensive training in which of the following areas?
1. Electronics only
 2. Hydraulics only
 3. Electricity only
 4. Electronics, hydraulics, and electricity
- 10-57. A total of how many cables are used to raise the platform on an IWHS elevator?
1. One
 2. Two
 3. Three
 4. Four
- 10-58. An IWHS elevator has what total number of safety features?
1. 6
 2. 8
 3. 10
 4. 12
- 10-59. Upper-stage hydraulic elevators are used for transporting weapons between which of the following decks?
1. 7th and 2nd deck
 2. 2nd and main deck
 3. Main and flight deck
 4. 7th and main deck
- 10-60. What weapons elevators provide weapons transportation to the flight deck?
1. Upper-stage, hydraulic elevators
 2. Upper-stage, wire-rope elevators
 3. Lower-stage, hydraulic elevators
 4. Lower-stage, wire-rope elevators
- 10-61. Aboard an aircraft carrier, what department is responsible for maintaining the weapons elevators?
1. The engineering department
 2. The weapons department
 3. The air department
 4. The machinery department

- 10-62. To determine if maintenance procedures require the assistance of personnel in other ratings, you should refer to what reference?
1. SAF
 2. PMS card
 3. VIDS/MAF
 4. IWHS card
- 10-63. The tag-out and tag-in system is used for what purpose?
1. To identify defective components only
 2. To identify usable components only
 3. To identify defective and usable components
 4. To ensure the safety of maintenance personnel
- 10-64. When, if ever, is it permissible to dispatch an elevator from one deck to another without communications between the sending operator and the receiving operator?
1. During emergency operations
 2. When directed by the ordnance handling officer
 3. During high-tempo operations
 4. Never
- 10-65. An ordnance mishap is most likely to occur under which of the following conditions?
1. When seas are rough
 2. When magazine hatches are not properly secured
 3. When weapons or explosives are removed from stowage
 4. When weapons or explosives are stored in magazines
- 10-66. When live ammunition is staged on the hanger deck, which of the following conditions is applicable?
1. A security watch should be posted
 2. The staging area should be located a long distance from the aircraft elevator doors
 3. The live ordnance should be covered to protect it from the hanger-bay sprinkler system
 4. All of the above
- 10-67. The bomb farm watch performs which of the following functions?
1. Maintains direct communications with the AOCS
 2. Maintains the security of ordnance
 3. Issues ordnance to squadron personnel
 4. All of the above
- 10-68. The bomb farm is routinely replenished by use of the upper-stage and lower-stage weapons elevators and which of the following elevators?
1. The forward elevator only
 2. The aft elevator only
 3. The forward and aft elevators
 4. The deck-edge elevator
- 10-69. Pier-side ammunition handling operations may be conducted after daylight hours under which of the following conditions?
1. When the pier is adequately lighted only
 2. When an emergency exists only
 3. When the pier is adequately lighted and an emergency exists
 4. When authorized by the supply officer
- 10-70. When a ship is at explosive anchorage, the transfer of ammunition is normally conducted during what general time period?
1. Daytime only
 2. Nighttime only
 3. Daytime or nighttime
 4. Between 0800 and 1000
- 10-71. The transfer of ammunition at sea is accomplished by which of the following replenishment methods?
1. Conventional only
 2. Vertical only
 3. Conventional and vertical
 4. Special
- 10-72. During the conventional replenishment method at the hanger deck level, the point of contact between the supply ship and the receiving ship is known by what term?
1. The receiving station
 2. The conning station
 3. The supply point
 4. The issuing point

10-73. Which of the following items are used in the vertical ammunition replenishment method?

1. Helicopters
2. Cranes
3. Lighters
4. Barges

10-74. An ordnance item is classified as HERO susceptible if proved (by tests) to contain which of the following items?

1. ECDs
2. EEDs
3. RFEs
4. BDEs

10-75. Detailed information pertaining to electromagnetic radiation hazards is contained in which of the following publications?

1. NAVSEA OP 3347
2. NAVSEA OP 4
3. NAVSEA OP 5
4. NAVSEAEA OP 3565 and NAVAIR 16-1-529

(THIS PAGE IS INTENTIONALLY LEFT BLANK.)